

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural
Resources

Form C-104
Revised August 1, 2011

Submit one copy to appropriate District Office

Oil Conservation Division
1220 South St. Francis Dr.

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE MINERAL AUTHORIZATION TO TRANSPORT

¹ Operator name and Address EOG RESOURCES INC PO BOX 2267 MIDLAND, TEXAS 79702		² OGRID Number 7377
		³ Reason for Filing Code/ Effective Date NW 11/07/2021
⁴ API Number 30 - 025-47698	⁵ Pool Name RED HILLS; LOWER BONE SPRING	⁶ Pool Code 51020
⁷ Property Code 329345	⁸ Property Name HOLYFIELD 9 FEDERAL COM	⁹ Well Number 304H

II. ¹⁰ Surface Location

UL or lot no. O	Section 9	Township 25S	Range 34E	Lot Idn	Feet from the 200	North/South Line SOUTH	Feet from the 1648	East/West line EAST	County LEA
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¹¹ Bottom Hole Location

UL or lot no. B	Section 4	Township 25S	Range 34E	Lot Idn	Feet from the 109	North/South line NORTH	Feet from the 2321	East/West line EAST	County LEA
¹² Lse Code	¹³ Producing Method Code FLOWING	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date		

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
372812	EOGRM	OIL
151618	ENTERPRISE FIELD SERVICES	GAS
298751	REGENCY FIELD SERVICES	GAS
36785	DCP MIDSTREAM	GAS

IV. Well Completion Data

²¹ Spud Date 05/15/2021	²² Ready Date 11/07/2021	²³ TD 20,543	²⁴ PBTB 20,512	²⁵ Perforations 10606 - 20512	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement
16"		13 3/8"	1055'		545 SXS CL C/CIRC
12 1/4"		9 5/8"	5274'		1505 SXS CL C/CIRC
8 1/2"		5 1/2"	20,520'		2860 SXS CL C & H/TOC 150' CBL

V. Well Test Data

³¹ Date New Oil 11/07/2021	³² Gas Delivery Date 11/07/2021	³³ Test Date 11/17/2021	³⁴ Test Length 24 HRS	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 627
³⁷ Choke Size 128	³⁸ Oil 2769	³⁹ Water 4807	⁴⁰ Gas 4055		⁴¹ Test Method

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: Kay Maddox		OIL CONSERVATION DIVISION Approved by: 	
Printed name: Kay Maddox		Title: Petroleum Engineer	
Title: SENIOR REGULATORY SPECIALIST		Approval Date: 09/07/22	
E-mail Address: kay_maddox@eogresources.com		COA: File 3160-4 Completion Report within 10 days to NMOCD after BLM approval.	
Date: 12/07/2021	Phone: 432-638-8475		

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources
Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

FORM C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-47698	² Pool Code 51020	³ Pool Name RED HILLS; LOWER BONE SPRING
⁴ Property Code 329345	⁵ Property Name HOLYFIELD 9 FED COM	
⁷ OGRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁶ Well Number 304H
		⁹ Elevation 3338'

¹⁰Surface Location

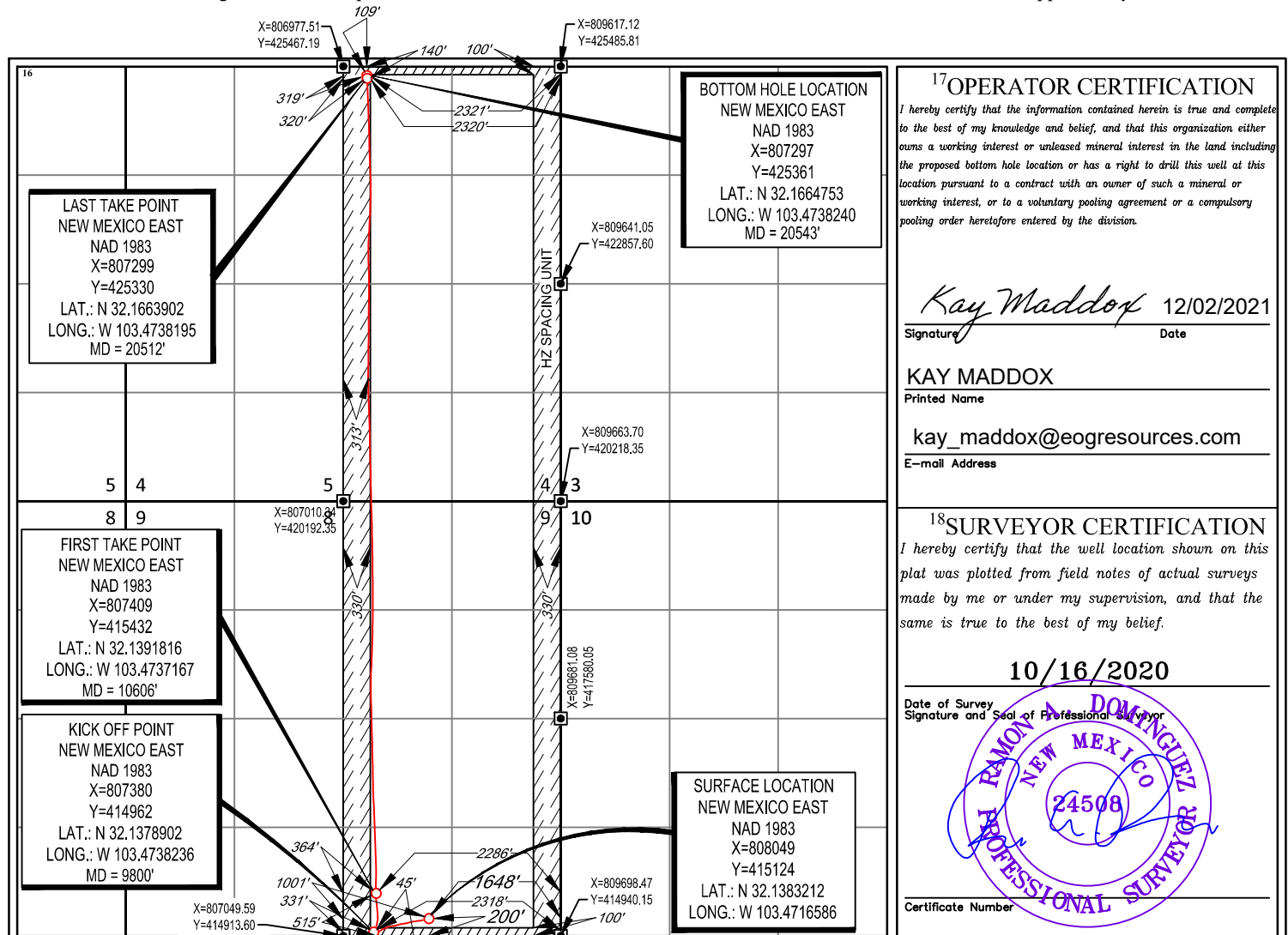
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	9	25-S	34-E	-	200'	SOUTH	1648'	EAST	LEA

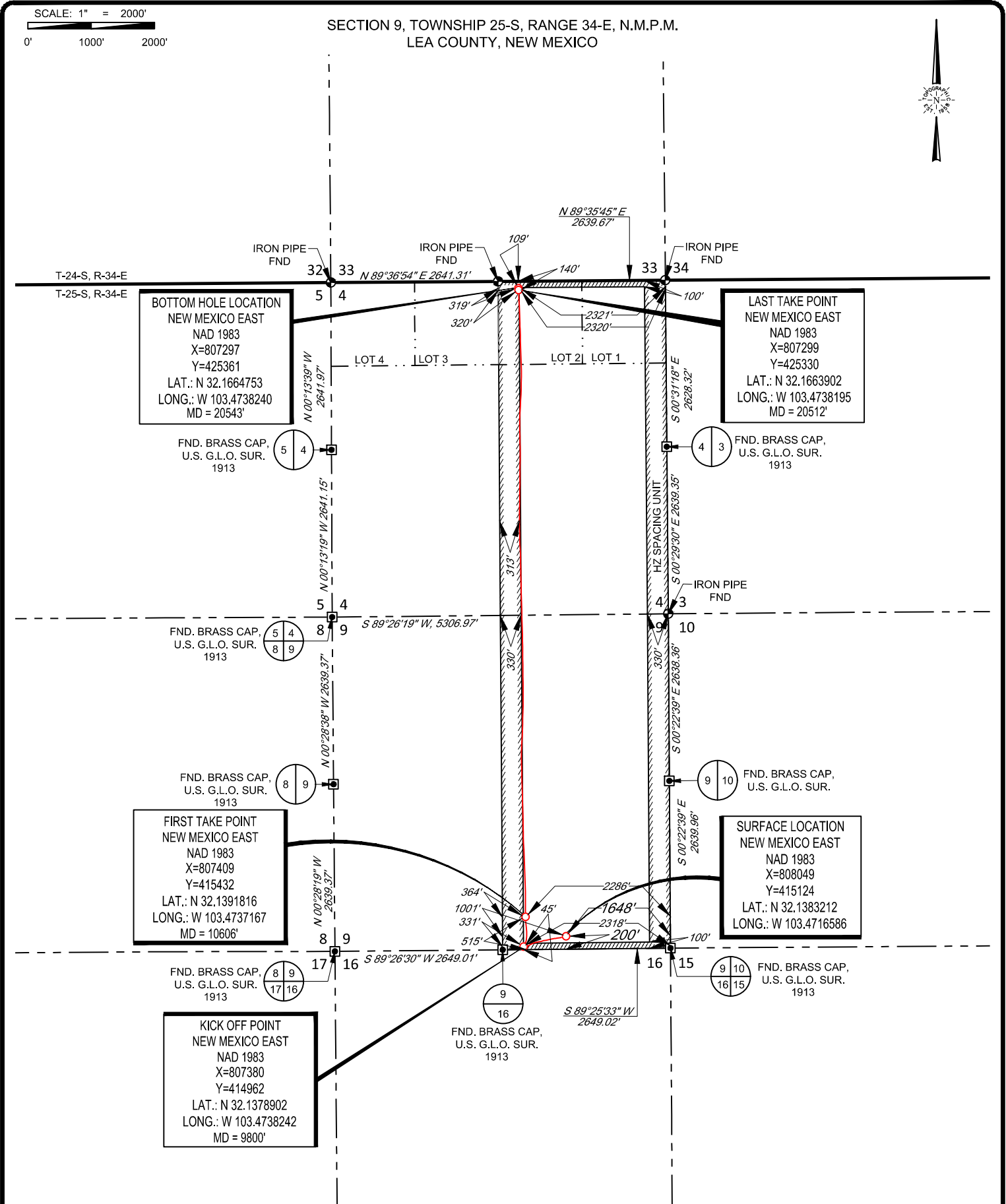
¹¹Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
2	4	25-S	34-E	-	109'	NORTH	2321'	EAST	LEA

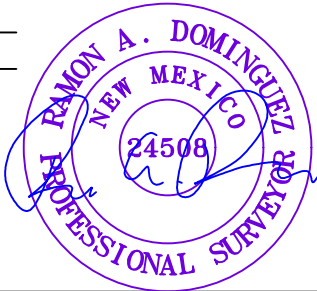
¹² Dedicated Acres 639.96	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.





LEASE NAME & WELL NO.: HOLYFIELD 9 FED COM 304H
SECTION 9 TWP 25-S RGE 34-E SURVEY N.M.P.M.
COUNTY LEA STATE NM ELEVATION 3338'
DESCRIPTION 200' FSL & 1648' FEL



Ramon A. Dominguez, P.S. No. 24508
October 21, 2021



TOPOGRAPHIC
LOYALTY INNOVATION LEGACY
1400 EVERMAN PARKWAY, Ste. 146 • FT. WORTH, TEXAS 76140
TELEPHONE: (817) 744-7512 • FAX (817) 744-7554
2903 NORTH BIG SPRING • MIDLAND, TEXAS 79705
TELEPHONE: (432) 682-1653 OR (800) 767-1653 • FAX (432) 682-1743
WWW.TOPOGRAPHIC.COM

HOLYFIELD 9 FED COM 304H AS-COMPLETE	REVISION:	
DATE:	10/20/2021	
FILE:	AD_HOLYFIELD_9_FED_COM_304H	
DRAWN BY:	A.V.F.	
SHEET :	2 OF 2	

- NOTES:
1. ORIGINAL DOCUMENT SIZE: 8.5" X 14"
 2. ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREIN ARE GRID BASED UPON THE NEW MEXICO COORDINATE SYSTEM OF 1983, EAST ZONE, U.S. SURVEY FEET.
 3. THIS WELL LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY EOG RESOURCES, INC. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.
 4. ADJOINER INFORMATION USED FOR INFORMATIONAL PURPOSES ONLY.



Midland

Lea County, NM (NAD 83 NME)

Holyfield 9 Fed Com

#304H

OH

Design: OH

Final PVA

30 June, 2021



Final PVA

Company: Midland Project: Lea County, NM (NAD 83 NME) Site: Holyfield 9 Fed Com Well: #304H Wellbore: OH Design: OH		Local Co-ordinate Reference: Well #304H TVD Reference: KB = 26' @ 3364.0usft MD Reference: KB = 26' @ 3364.0usft North Reference: Grid Survey Calculation Method: Minimum Curvature Database: PEDM	
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Project Lea County, NM (NAD 83 NME)			
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site Holyfield 9 Fed Com			
Site Position:		Northing:	415,094.00 usft
From: Map		Easting:	805,061.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 8' 17.896 N
		Longitude:	103° 28' 52.723 W
		Grid Convergence:	0.45 °

Well #304H			
Well Position	+N/-S	0.0 usft	Northing:
	+E/-W	0.0 usft	Easting:
Position Uncertainty	0.0 usft		Wellhead Elevation:
			usft
			Latitude:
			32° 8' 17.958 N
			Longitude:
			103° 28' 17.971 W
			Ground Level:
			3,338.0 usft

Wellbore OH					
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	6/18/2021	6.49	59.84	47,453.36163766

Design OH					
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.0	0.0	0.0	355.89	

Survey Program Date 6/30/2021					
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
199.0	20,543.0	Gordon MWD #1 (OH)	EOG MWD+IFR1	MWD + IFR1	

Company:	Midland	Local Co-ordinate Reference:	Well #304H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3364.0usft
Site:	Holyfield 9 Fed Com	MD Reference:	KB = 26' @ 3364.0usft
Well:	#304H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)	
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.0	0.0	
199.0	0.53	129.91	199.0	-0.6	0.7	0.27	0.27	0.00	-0.9	0.0	
300.0	0.64	119.23	300.0	-1.2	1.6	0.15	0.11	-10.57	-1.9	-0.3	
387.0	0.64	115.62	387.0	-1.6	2.4	0.05	0.00	-4.15	-2.9	-0.4	
474.0	0.88	153.19	474.0	-2.4	3.2	0.62	0.28	43.18	-3.6	1.7	
565.0	0.90	150.07	565.0	-3.7	3.8	0.06	0.02	-3.43	-5.1	1.5	
663.0	0.77	183.50	663.0	-5.0	4.2	0.51	-0.13	34.11	-4.7	4.5	
757.0	0.51	181.49	757.0	-6.0	4.1	0.28	-0.28	-2.14	-5.9	4.3	
946.0	0.34	119.03	945.9	-7.1	4.6	0.25	-0.09	-33.05	-7.5	-4.0	
995.0	0.60	142.76	994.9	-7.4	4.9	0.65	0.53	48.43	-8.9	-0.6	
1,134.0	0.18	108.18	1,133.9	-8.1	5.5	0.33	-0.30	-24.88	-7.9	-5.8	
1,228.0	2.09	257.59	1,227.9	-8.5	4.0	2.39	2.03	158.95	4.9	9.1	
1,322.0	5.11	265.55	1,321.7	-9.2	-1.9	3.25	3.21	8.47	5.9	7.7	
1,415.0	7.87	266.48	1,414.1	-9.9	-12.3	2.97	2.97	1.00	4.0	6.2	
1,509.0	8.80	263.21	1,507.1	-11.1	-25.9	1.11	0.99	-3.48	-0.1	4.9	
1,604.0	8.18	264.59	1,601.1	-12.6	-39.9	0.69	-0.65	1.45	-4.2	3.7	
1,698.0	8.54	263.85	1,694.1	-14.0	-53.5	0.40	0.38	-0.79	-8.1	2.4	
1,792.0	9.98	262.65	1,786.9	-15.8	-68.5	1.55	1.53	-1.28	-13.5	1.0	
1,886.0	9.33	261.06	1,879.5	-18.0	-84.1	0.75	-0.69	-1.69	-19.4	-0.3	
1,983.0	8.66	260.07	1,975.3	-20.5	-99.0	0.71	-0.69	-1.02	-24.4	-1.4	
2,077.0	8.32	262.58	2,068.3	-22.6	-112.8	0.53	-0.36	2.67	-28.5	-1.0	
2,171.0	7.94	263.44	2,161.4	-24.2	-125.9	0.42	-0.40	0.91	-32.0	-1.6	
2,265.0	7.38	262.68	2,254.5	-25.7	-138.4	0.61	-0.60	-0.81	-34.7	-3.2	
2,360.0	8.52	260.48	2,348.6	-27.7	-151.4	1.24	1.20	-2.32	-37.8	-5.4	
2,454.0	9.71	261.63	2,441.4	-30.0	-166.1	1.28	1.27	1.22	-42.9	-5.4	
2,549.0	9.63	261.45	2,535.1	-32.3	-181.9	0.09	-0.08	-0.19	-49.0	-6.3	
2,644.0	9.24	260.48	2,628.8	-34.8	-197.2	0.44	-0.41	-1.02	-54.5	-8.0	

Company:	Midland	Local Co-ordinate Reference:	Well #304H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3364.0usft
Site:	Holyfield 9 Fed Com	MD Reference:	KB = 26' @ 3364.0usft
Well:	#304H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
2,738.0	8.89	262.01	2,721.6	-37.0	-211.9	0.45	-0.37	1.63	-59.7	-7.2
2,832.0	8.26	255.35	2,814.6	-39.8	-225.6	1.25	-0.67	-7.09	-62.6	-14.7
2,927.0	8.27	253.85	2,908.6	-43.4	-238.8	0.23	0.01	-1.58	-65.8	-16.0
3,021.0	7.21	255.57	3,001.7	-46.7	-251.0	1.15	-1.13	1.83	-69.1	-13.6
3,115.0	8.25	255.50	3,094.9	-49.9	-263.2	1.11	1.11	-0.07	-71.8	-13.5
3,209.0	9.47	259.26	3,187.7	-53.0	-277.4	1.44	1.30	4.00	-77.2	-8.7
3,304.0	8.75	259.69	3,281.5	-55.8	-292.1	0.76	-0.76	0.45	-82.3	-8.6
3,398.0	7.94	259.88	3,374.5	-58.2	-305.6	0.86	-0.86	0.20	-86.2	-8.9
3,492.0	7.05	259.91	3,467.7	-60.3	-317.6	0.95	-0.95	0.03	-88.6	-9.4
3,587.0	7.79	262.60	3,561.9	-62.2	-329.8	0.86	0.78	2.83	-91.2	-6.0
3,681.0	8.97	263.68	3,654.9	-63.8	-343.4	1.27	1.26	1.15	-95.2	-5.4
3,776.0	8.04	253.40	3,748.9	-66.5	-357.1	1.87	-0.98	-10.82	-96.8	-22.9
3,870.0	8.25	251.62	3,842.0	-70.5	-369.8	0.35	0.22	-1.89	-99.5	-25.2
3,964.0	8.00	255.97	3,935.0	-74.2	-382.5	0.71	-0.27	4.63	-104.5	-17.0
4,059.0	7.25	251.84	4,029.2	-77.7	-394.6	0.98	-0.79	-4.35	-105.7	-24.1
4,153.0	7.73	257.97	4,122.4	-80.9	-406.5	0.99	0.51	6.52	-110.0	-12.3
4,248.0	9.10	263.33	4,216.3	-83.1	-420.2	1.66	1.44	5.64	-114.6	-2.6
4,342.0	7.92	263.58	4,309.3	-84.7	-434.0	1.26	-1.26	0.27	-118.7	-3.2
4,437.0	8.81	258.73	4,403.3	-86.8	-447.6	1.19	0.94	-5.11	-121.9	-14.1
4,531.0	11.02	255.18	4,495.9	-90.5	-463.4	2.44	2.35	-3.78	-127.1	-21.8
4,625.0	9.80	256.02	4,588.3	-94.8	-479.8	1.31	-1.30	0.89	-134.6	-19.7
4,720.0	8.11	252.69	4,682.2	-98.7	-494.1	1.86	-1.78	-3.51	-138.1	-27.2
4,817.0	7.34	250.96	4,778.3	-102.8	-506.5	0.83	-0.79	-1.78	-140.1	-30.5
4,909.0	6.33	252.86	4,869.6	-106.2	-516.9	1.12	-1.10	2.07	-142.3	-25.0
5,003.0	5.44	241.67	4,963.1	-109.8	-525.7	1.54	-0.95	-11.90	-134.8	-50.4
5,097.0	4.72	242.52	5,056.8	-113.7	-533.1	0.77	-0.77	0.90	-134.2	-45.9
5,192.0	4.12	246.06	5,151.5	-116.9	-539.7	0.69	-0.63	3.73	-134.3	-35.5

Company:	Midland	Local Co-ordinate Reference:	Well #304H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3364.0usft
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Well:	#304H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
5,221.0	3.81	244.78	5,180.4	-117.7	-541.5	1.11	-1.07	-4.41	-132.5	-37.9
5,318.0	4.05	244.80	5,277.2	-120.6	-547.5	0.25	0.25	0.02	-129.1	-35.8
5,412.0	3.60	246.04	5,371.0	-123.2	-553.2	0.49	-0.48	1.32	-126.4	-31.1
5,506.0	3.52	241.98	5,464.8	-125.7	-558.5	0.28	-0.09	-4.32	-120.1	-37.6
5,600.0	3.70	242.76	5,558.6	-128.5	-563.7	0.20	0.19	0.83	-116.9	-33.5
5,694.0	3.70	239.81	5,652.4	-131.4	-569.0	0.20	0.00	-3.14	-111.6	-36.8
5,789.0	3.60	242.17	5,747.2	-134.3	-574.3	0.19	-0.11	2.48	-109.4	-29.5
5,884.0	3.49	241.03	5,842.1	-137.1	-579.5	0.14	-0.12	-1.20	-105.0	-29.0
5,978.0	3.46	239.45	5,935.9	-140.0	-584.4	0.11	-0.03	-1.68	-100.4	-29.0
6,072.0	3.34	237.51	6,029.7	-142.9	-589.2	0.18	-0.13	-2.06	-95.6	-29.3
6,167.0	3.43	235.16	6,124.5	-146.0	-593.8	0.17	0.09	-2.47	-90.6	-29.6
6,261.0	2.99	231.78	6,218.4	-149.1	-598.1	0.51	-0.47	-3.60	-85.0	-30.9
6,355.0	2.88	232.54	6,312.3	-152.1	-601.9	0.12	-0.12	0.81	-81.2	-25.6
6,449.0	2.55	237.07	6,406.2	-154.6	-605.5	0.42	-0.35	4.82	-78.0	-15.7
6,543.0	2.90	222.39	6,500.1	-157.5	-608.9	0.83	0.37	-15.62	-67.8	-29.8
6,637.0	3.63	227.19	6,593.9	-161.3	-612.7	0.83	0.78	5.11	-66.7	-19.0
6,731.0	3.72	238.90	6,687.7	-164.9	-617.5	0.80	0.10	12.46	-65.7	-1.5
6,826.0	3.67	236.84	6,782.5	-168.1	-622.6	0.15	-0.05	-2.17	-62.3	-0.5
6,920.0	2.96	259.65	6,876.4	-170.2	-627.5	1.58	-0.76	24.27	-53.0	24.2
7,014.0	2.25	275.21	6,970.3	-170.5	-631.8	1.06	-0.76	16.55	-39.4	35.1
7,109.0	2.09	305.93	7,065.2	-169.3	-635.0	1.22	-0.17	32.34	-12.8	43.6
7,203.0	1.94	302.55	7,159.1	-167.5	-637.8	0.20	-0.16	-3.60	-11.7	35.6
7,297.0	2.07	301.45	7,253.1	-165.7	-640.5	0.14	0.14	-1.17	-8.6	28.4
7,391.0	2.14	295.16	7,347.0	-164.1	-643.6	0.26	0.07	-6.69	-7.4	20.9
7,486.0	2.15	296.36	7,442.0	-162.5	-646.8	0.05	0.01	1.26	-2.8	14.7
7,580.0	2.11	296.13	7,535.9	-161.0	-649.9	0.04	-0.04	-0.24	1.3	8.4
7,674.0	2.12	292.98	7,629.8	-159.5	-653.1	0.12	0.01	-3.35	4.6	3.1

Company:	Midland	Local Co-ordinate Reference:	Well #304H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3364.0usft
Site:	Holyfield 9 Fed Com	MD Reference:	KB = 26' @ 3364.0usft
Well:	#304H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
7,768.0	0.70	291.95	7,723.8	-158.7	-655.2	1.51	-1.51	-1.10	7.1	-0.3
7,863.0	0.75	290.43	7,818.8	-158.2	-656.3	0.06	0.05	-1.60	8.3	-1.7
7,902.3	0.62	278.95	7,858.1	-158.1	-656.8	0.48	-0.32	-29.22	8.3	-0.2
Brushy Top(Holyfield 9 Fed Com #304H)										
7,957.0	0.51	254.90	7,912.8	-158.1	-657.3	0.48	-0.21	-43.96	7.1	3.1
8,051.0	0.64	255.89	8,006.8	-158.3	-658.2	0.14	0.14	1.05	6.2	3.0
8,146.0	0.51	232.81	8,101.8	-158.7	-659.1	0.28	-0.14	-24.29	3.7	5.0
8,238.0	0.77	234.46	8,193.8	-159.3	-659.9	0.28	0.28	1.79	2.8	4.9
8,334.0	0.82	217.12	8,289.8	-160.3	-660.8	0.25	0.05	-18.06	-0.1	5.3
8,428.0	0.81	206.12	8,383.8	-161.4	-661.5	0.17	-0.01	-11.70	-2.4	5.0
8,523.0	0.76	230.71	8,478.7	-162.4	-662.3	0.36	-0.05	25.88	-1.3	5.9
8,617.0	0.81	228.79	8,572.7	-163.2	-663.3	0.06	0.05	-2.04	-2.8	5.8
8,711.0	0.59	227.12	8,666.7	-164.0	-664.2	0.24	-0.23	-1.78	-4.1	5.7
8,805.0	0.41	220.90	8,760.7	-164.6	-664.7	0.20	-0.19	-6.62	-5.6	5.2
8,899.0	0.46	245.94	8,854.7	-165.0	-665.3	0.21	0.05	26.64	-3.5	7.2
8,993.0	0.56	230.01	8,948.7	-165.4	-666.0	0.18	0.11	-16.95	-6.2	5.8
9,088.0	0.64	253.77	9,043.7	-165.9	-666.9	0.27	0.08	25.01	-4.3	8.0
9,182.0	0.62	245.45	9,137.7	-166.2	-667.8	0.10	-0.02	-8.85	-6.4	7.2
9,277.0	0.43	315.10	9,232.7	-166.2	-668.5	0.65	-0.20	73.32	4.0	9.0
9,371.0	0.71	307.90	9,326.7	-165.6	-669.3	0.31	0.30	-7.66	1.9	9.4
9,465.0	0.80	312.93	9,420.7	-164.8	-670.2	0.12	0.10	5.35	1.5	9.2
9,564.0	0.29	34.01	9,519.7	-164.1	-670.6	0.82	-0.52	81.90	9.0	0.6
9,659.0	0.63	52.78	9,614.7	-163.6	-670.0	0.39	0.36	19.76	8.0	-2.2
9,784.0	0.73	30.89	9,739.7	-162.5	-669.1	0.22	0.08	-17.51	6.8	0.7
9,800.0	1.87	20.77	9,755.7	-162.2	-668.9	7.25	7.14	-63.22	6.2	1.8
KOP, MD:9800.0', TVD:9755.7',N/S:-162.2', E/W:-668.9', INC:1.87										
9,878.0	7.52	16.00	9,833.4	-156.1	-667.0	7.25	7.24	-6.12	-0.3	2.2

Company:	Midland	Local Co-ordinate Reference:	Well #304H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3364.0usft
Site:	Holyfield 9 Fed Com	MD Reference:	KB = 26' @ 3364.0usft
Well:	#304H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
9,973.0	16.26	33.20	9,926.3	-138.9	-658.0	9.83	9.20	18.11	-9.8	-2.1
10,067.0	26.05	25.46	10,013.9	-109.2	-641.9	10.81	10.41	-8.23	-17.0	-18.1
10,072.9	26.73	24.29	10,019.1	-106.8	-640.8	14.54	11.54	-19.91	-17.0	-19.5
FTP Crossing, MD:10072.9', TVD:10019.1', N/S:-106.8', E/W:-640.8', INC:26.73										
10,161.0	37.70	11.69	10,093.6	-62.2	-627.1	14.54	12.45	-14.30	-16.4	-36.3
10,256.0	47.75	2.25	10,163.4	1.6	-619.9	12.52	10.58	-9.94	-14.1	-45.8
10,261.9	48.08	1.84	10,167.4	6.0	-619.7	7.61	5.54	-7.03	-13.9	-46.1
FTP(Holyfield 9 Fed Com #304H)										
10,350.0	53.12	356.11	10,223.3	74.0	-621.0	7.61	5.72	-6.50	-7.6	-45.9
10,444.0	61.74	353.82	10,273.9	152.8	-628.1	9.40	9.17	-2.44	3.2	-38.9
10,539.0	74.86	354.84	10,308.9	240.4	-636.7	13.85	13.81	1.07	13.2	-30.7
10,653.0	90.36	0.24	10,323.5	353.0	-641.5	14.38	13.60	4.74	21.0	-27.0
10,727.0	91.66	0.59	10,322.2	427.0	-640.9	1.82	1.76	0.47	20.6	-28.0
10,822.0	91.88	0.55	10,319.3	521.9	-640.0	0.24	0.23	-0.04	18.9	-29.6
10,917.0	91.71	0.13	10,316.3	616.9	-639.4	0.48	-0.18	-0.44	17.1	-30.9
11,011.0	90.62	358.31	10,314.4	710.9	-640.7	2.26	-1.16	-1.94	16.4	-30.2
11,105.0	89.61	357.91	10,314.2	804.8	-643.8	1.16	-1.07	-0.43	17.4	-27.8
11,200.0	89.66	357.76	10,314.8	899.7	-647.4	0.17	0.05	-0.16	19.2	-24.8
11,294.0	90.22	357.90	10,314.9	993.7	-651.0	0.61	0.60	0.15	20.5	-21.9
11,388.0	90.84	358.28	10,314.1	1,087.6	-654.1	0.77	0.66	0.40	20.8	-19.4
11,483.0	90.06	357.80	10,313.3	1,182.6	-657.3	0.96	-0.82	-0.51	21.3	-16.8
11,577.0	90.87	357.38	10,312.6	1,276.5	-661.3	0.97	0.86	-0.45	21.7	-13.5
11,671.0	90.42	357.00	10,311.5	1,370.4	-665.9	0.63	-0.48	-0.40	21.9	-9.5
11,765.0	90.84	357.73	10,310.5	1,464.2	-670.2	0.90	0.45	0.78	22.0	-5.9
11,860.0	91.35	358.43	10,308.6	1,559.2	-673.4	0.91	0.54	0.74	21.4	-3.3
11,954.0	92.75	359.05	10,305.3	1,653.1	-675.5	1.63	1.49	0.66	19.3	-1.9
12,049.0	91.97	358.81	10,301.4	1,748.0	-677.2	0.86	-0.82	-0.25	16.6	-0.8

Company:	Midland	Local Co-ordinate Reference:	Well #304H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3364.0usft
Site:	Holyfield 9 Fed Com	MD Reference:	KB = 26' @ 3364.0usft
Well:	#304H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)	
12,143.0	92.08	358.66	10,298.0	1,841.9	-679.3	0.20	0.12	-0.16	14.5	0.7	
12,237.0	91.46	358.69	10,295.1	1,935.8	-681.5	0.66	-0.66	0.03	12.8	2.2	
12,332.0	90.73	358.56	10,293.3	2,030.8	-683.8	0.78	-0.77	-0.14	12.2	3.8	
12,426.0	90.31	358.36	10,292.5	2,124.8	-686.3	0.49	-0.45	-0.21	12.5	5.7	
12,521.0	89.66	358.31	10,292.5	2,219.7	-689.0	0.69	-0.68	-0.05	13.7	7.8	
12,615.0	88.71	357.97	10,293.8	2,313.7	-692.1	1.07	-1.01	-0.36	16.3	10.2	
12,710.0	90.45	359.04	10,294.5	2,408.6	-694.6	2.15	1.83	1.13	18.2	12.0	
12,804.0	90.08	358.59	10,294.1	2,502.6	-696.5	0.62	-0.39	-0.48	18.9	13.3	
12,899.0	89.80	358.48	10,294.2	2,597.6	-698.9	0.32	-0.29	-0.12	20.3	15.1	
12,993.0	88.88	358.47	10,295.3	2,691.5	-701.5	0.98	-0.98	-0.01	22.5	17.0	
13,087.0	89.78	359.32	10,296.4	2,785.5	-703.3	1.32	0.96	0.90	24.8	18.2	
13,219.0	90.81	1.00	10,295.7	2,917.5	-702.9	1.49	0.78	1.27	25.8	16.9	
13,276.0	92.64	3.04	10,294.0	2,974.4	-700.9	4.81	3.21	3.58	24.8	14.5	
13,370.0	91.77	2.52	10,290.4	3,068.2	-696.3	1.08	-0.93	-0.55	22.4	9.3	
13,465.0	94.55	2.48	10,285.1	3,163.0	-692.2	2.93	2.93	-0.04	18.4	4.5	
13,559.0	94.35	2.05	10,277.8	3,256.6	-688.5	0.50	-0.21	-0.46	12.3	0.2	
13,653.0	93.11	1.43	10,271.7	3,350.4	-685.6	1.47	-1.32	-0.66	7.4	-3.3	
13,748.0	91.77	1.57	10,267.7	3,445.3	-683.2	1.42	-1.41	0.15	4.6	-6.4	
13,842.0	90.25	1.14	10,266.0	3,539.2	-680.9	1.68	-1.62	-0.46	4.1	-9.3	
13,936.0	89.55	0.83	10,266.2	3,633.2	-679.3	0.81	-0.74	-0.33	5.5	-11.6	
14,031.0	89.78	0.84	10,266.7	3,728.2	-677.9	0.24	0.24	0.01	7.2	-13.6	
14,125.0	89.78	359.80	10,267.1	3,822.2	-677.4	1.11	0.00	-1.11	8.8	-14.8	
14,220.0	91.18	359.67	10,266.3	3,917.2	-677.9	1.48	1.47	-0.14	9.2	-15.0	
14,315.0	89.80	359.08	10,265.5	4,012.2	-678.9	1.58	-1.45	-0.62	9.6	-14.6	
14,409.0	91.54	359.52	10,264.4	4,106.2	-680.0	1.91	1.85	0.47	9.7	-14.1	
14,504.0	90.65	358.76	10,262.6	4,201.1	-681.5	1.23	-0.94	-0.80	9.1	-13.3	

Company: Midland
Project: Lea County, NM (NAD 83 NME)
Site: Holyfield 9 Fed Com
Well: #304H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #304H
TVD Reference: KB = 26' @ 3364.0usft
MD Reference: KB = 26' @ 3364.0usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
14,542.4	91.41	359.25	10,261.9	4,239.5	-682.1	2.37	1.99	1.29	8.9	-12.9
TGT#1(Holyfield 9 Fed Com #304H)										
14,598.0	92.52	359.97	10,260.0	4,295.1	-682.5	2.37	1.99	1.29	7.9	-12.9
14,692.0	92.58	359.34	10,255.8	4,389.0	-683.1	0.67	0.06	-0.67	5.4	-13.0
14,787.0	92.27	359.36	10,251.8	4,483.9	-684.1	0.33	-0.33	0.02	3.0	-12.6
14,881.0	92.27	358.93	10,248.1	4,577.8	-685.5	0.46	0.00	-0.46	0.9	-11.8
14,975.0	93.22	359.10	10,243.6	4,671.7	-687.2	1.03	1.01	0.18	-1.9	-10.8
15,069.0	92.64	358.73	10,238.7	4,765.6	-688.9	0.73	-0.62	-0.39	-5.1	-9.7
15,164.0	91.09	357.49	10,235.7	4,860.4	-692.1	2.09	-1.63	-1.31	-6.5	-7.2
15,352.0	91.91	359.21	10,230.7	5,048.3	-697.5	1.01	0.44	0.91	-8.1	-3.1
15,446.0	90.28	358.48	10,228.9	5,142.3	-699.4	1.90	-1.73	-0.78	-8.3	-1.8
15,541.0	91.12	358.64	10,227.8	5,237.2	-701.8	0.90	0.88	0.17	-7.8	-0.1
15,635.0	90.14	358.86	10,226.7	5,331.2	-703.8	1.07	-1.04	0.23	-7.2	1.4
15,729.0	90.70	358.08	10,226.1	5,425.2	-706.3	1.02	0.60	-0.83	-6.2	3.2
15,823.0	88.77	358.62	10,226.5	5,519.1	-709.0	2.13	-2.05	0.57	-4.1	5.3
15,918.0	90.42	359.01	10,227.2	5,614.1	-711.0	1.78	1.74	0.41	-1.8	6.6
16,012.0	93.59	358.58	10,223.9	5,708.0	-713.0	3.40	3.37	-0.46	-3.4	7.9
16,106.0	91.96	358.96	10,219.3	5,801.9	-715.0	1.78	-1.73	0.40	-6.3	9.3
16,201.0	89.78	359.09	10,217.9	5,896.8	-716.6	2.30	-2.29	0.14	-6.1	10.3
16,257.6	89.91	358.73	10,218.0	5,953.4	-717.7	0.68	0.23	-0.64	-5.0	11.0
TGT#2(Holyfield 9 Fed Com #304H)										
16,295.0	90.00	358.49	10,218.1	5,990.8	-718.6	0.68	0.23	-0.64	-4.4	11.6
16,389.0	90.00	357.42	10,218.1	6,084.7	-721.9	1.14	0.00	-1.14	-3.3	14.3
16,483.0	89.80	356.79	10,218.2	6,178.6	-726.7	0.70	-0.21	-0.67	-2.0	18.4
16,578.0	90.00	359.28	10,218.4	6,273.6	-729.9	2.63	0.21	2.62	-0.7	21.0
16,672.0	90.20	358.88	10,218.2	6,367.5	-731.5	0.48	0.21	-0.43	0.2	21.9
16,766.0	90.00	359.35	10,218.1	6,461.5	-732.9	0.54	-0.21	0.50	1.2	22.7

Company:	Midland	Local Co-ordinate Reference:	Well #304H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3364.0usft
Site:	Holyfield 9 Fed Com	MD Reference:	KB = 26' @ 3364.0usft
Well:	#304H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
16,861.0	89.66	358.55	10,218.3	6,556.5	-734.6	0.91	-0.36	-0.84	2.6	23.8
16,954.0	91.07	1.17	10,217.8	6,649.5	-734.9	3.20	1.52	2.82	3.1	23.4
17,049.0	91.85	0.99	10,215.3	6,744.5	-733.1	0.84	0.82	-0.19	1.8	21.0
17,143.0	90.87	0.91	10,213.1	6,838.4	-731.5	1.05	-1.04	-0.09	0.7	18.8
17,259.0	89.86	0.43	10,212.4	6,954.4	-730.2	0.96	-0.87	-0.41	1.4	16.6
17,353.0	90.14	0.19	10,212.4	7,048.4	-729.7	0.39	0.30	-0.26	2.5	15.5
17,447.0	92.49	0.92	10,210.2	7,142.4	-728.8	2.62	2.50	0.78	1.5	13.9
17,542.0	92.61	0.50	10,206.0	7,237.3	-727.6	0.46	0.13	-0.44	-1.6	12.1
17,636.0	92.78	359.91	10,201.6	7,331.2	-727.2	0.65	0.18	-0.63	-4.9	11.1
17,730.0	90.93	0.73	10,198.5	7,425.1	-726.7	2.15	-1.97	0.87	-6.8	9.9
17,824.0	91.21	0.61	10,196.8	7,519.1	-725.6	0.32	0.30	-0.13	-7.4	8.2
17,918.0	90.95	359.95	10,195.0	7,613.1	-725.2	0.75	-0.28	-0.70	-8.1	7.1
17,922.8	90.97	359.93	10,194.9	7,617.9	-725.2	0.61	0.47	-0.38	-8.1	7.0
TGT#3(Holyfield 9 Fed Com #304H)										
18,013.0	91.40	359.59	10,193.0	7,708.0	-725.5	0.61	0.47	-0.38	-9.2	6.8
18,107.0	89.47	359.36	10,192.3	7,802.0	-726.4	2.07	-2.05	-0.24	-9.1	7.0
18,201.0	89.02	358.21	10,193.6	7,896.0	-728.4	1.31	-0.48	-1.22	-7.1	8.4
18,295.0	91.43	358.94	10,193.2	7,990.0	-730.7	2.68	2.56	0.78	-6.7	10.1
18,389.0	89.52	359.25	10,192.4	8,083.9	-732.2	2.06	-2.03	0.33	-6.7	10.9
18,484.0	90.67	1.86	10,192.3	8,178.9	-731.3	3.00	1.21	2.75	-6.0	9.3
18,579.0	87.34	2.92	10,193.9	8,273.8	-727.3	3.68	-3.51	1.12	-3.6	4.7
18,673.0	88.15	2.79	10,197.6	8,367.6	-722.7	0.87	0.86	-0.14	0.9	-0.6
18,767.0	88.82	2.99	10,200.1	8,461.5	-717.9	0.74	0.71	0.21	4.2	-6.0
18,862.0	90.50	3.60	10,200.7	8,556.3	-712.5	1.88	1.77	0.64	5.6	-12.1
18,955.0	87.23	1.33	10,202.5	8,649.2	-708.5	4.28	-3.52	-2.44	8.1	-16.7
19,049.0	87.14	1.09	10,207.1	8,743.1	-706.5	0.27	-0.10	-0.26	13.6	-19.3
19,143.0	88.74	0.62	10,210.5	8,837.0	-705.1	1.77	1.70	-0.50	17.7	-21.4

Company:	Midland	Local Co-ordinate Reference:	Well #304H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3364.0usft
Site:	Holyfield 9 Fed Com	MD Reference:	KB = 26' @ 3364.0usft
Well:	#304H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
19,238.0	87.73	359.56	10,213.4	8,931.9	-704.9	1.54	-1.06	-1.12	21.5	-22.2
19,333.0	91.77	357.62	10,213.8	9,026.9	-707.3	4.72	4.25	-2.04	22.7	-20.5
19,427.0	92.35	357.89	10,210.5	9,120.7	-710.9	0.68	0.62	0.29	20.1	-17.5
19,521.0	91.65	357.64	10,207.2	9,214.6	-714.6	0.79	-0.74	-0.27	17.6	-14.4
19,616.0	94.76	357.63	10,201.9	9,309.4	-718.5	3.27	3.27	-0.01	13.1	-11.2
19,710.0	93.56	359.46	10,195.0	9,403.1	-720.9	2.32	-1.28	1.95	7.0	-9.4
19,804.0	91.96	359.30	10,190.5	9,497.0	-721.9	1.71	-1.70	-0.17	3.3	-9.0
19,898.0	85.88	357.43	10,192.3	9,590.9	-724.6	6.77	-6.47	-1.99	5.9	-7.0
19,938.0	89.02	357.67	10,194.1	9,630.8	-726.3	7.87	7.85	0.60	8.0	-5.6
19,993.0	90.28	358.22	10,194.4	9,685.7	-728.3	2.50	2.29	1.00	8.8	-4.0
20,088.0	90.59	358.53	10,193.7	9,780.7	-731.0	0.46	0.33	0.33	8.9	-1.9
20,182.0	90.76	357.75	10,192.6	9,874.6	-734.0	0.85	0.18	-0.83	8.5	0.5
20,276.0	92.02	357.24	10,190.3	9,968.5	-738.1	1.45	1.34	-0.54	7.1	3.9
20,371.0	89.33	356.99	10,189.2	10,063.4	-742.9	2.84	-2.83	-0.26	6.7	8.1
Last MWD Survey (MD=20371.0')										
20,542.9	89.33	356.99	10,191.2	10,235.0	-751.9	0.00	0.00	0.00	10.2	15.9
PBHL(Holyfield 9 Fed Com #304H)										
20,543.0	89.33	356.99	10,191.2	10,235.1	-751.9	0.00	0.00	0.00	10.2	15.9
Projection to Bit (MD=20543.0')										

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
9,800.0	9,755.7	-162.2	-668.9	KOP, MD:9800.0', TVD:9755.7',N/S:-162.2', E/W:-668.9', INC:1.87
10,072.9	10,019.1	-106.8	-640.8	FTP Crossing, MD:10072.9', TVD:10019.1',N/S:-106.8', E/W:-640.8', INC:26.73
20,371.0	10,189.2	10,063.4	-742.9	Last MWD Survey (MD=20371.0')
20,543.0	10,191.2	10,235.1	-751.9	Projection to Bit (MD=20543.0')



Final PVA

Company:	Midland	Local Co-ordinate Reference:	Well #304H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 26' @ 3364.0usft
Site:	Holyfield 9 Fed Com	MD Reference:	KB = 26' @ 3364.0usft
Well:	#304H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	PEDM

Checked By: _____	Approved By: _____	Date: _____
-------------------	--------------------	-------------

I CERTIFY THIS SURVEY TO BE TRUE AND CORRECT TO THE BEST OF MY BELIEF AND KNOWLEDGE
KAY MADDOX 12/02/2021



Lea County, NM (NAD 83 NME)

Holyfield 9 Fed Com #304H

Plan #1

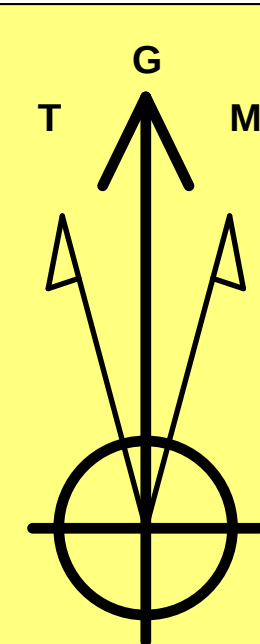
PROJECT DETAILS: Lea County, NM (NAD 83 NME)

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Eastern Zone
System Datum: Mean Sea Level

WELL DETAILS: #304H

KB = 26' @ 3364.0usft
Northing 415124.00 Easting 808049.00 Latitude 32° 8' 17.958 N Longitude 103° 28' 17.971 W

Azimuths to Grid North
True North: -0.46°
Magnetic North: 6.03°
Magnetic Field
Strength: 47453.4nT
Dip Angle: 59.84°
Date: 6/18/2021
Model: IGRF2020



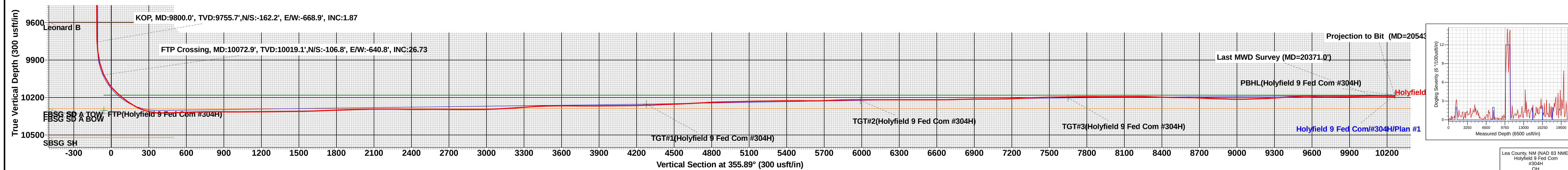
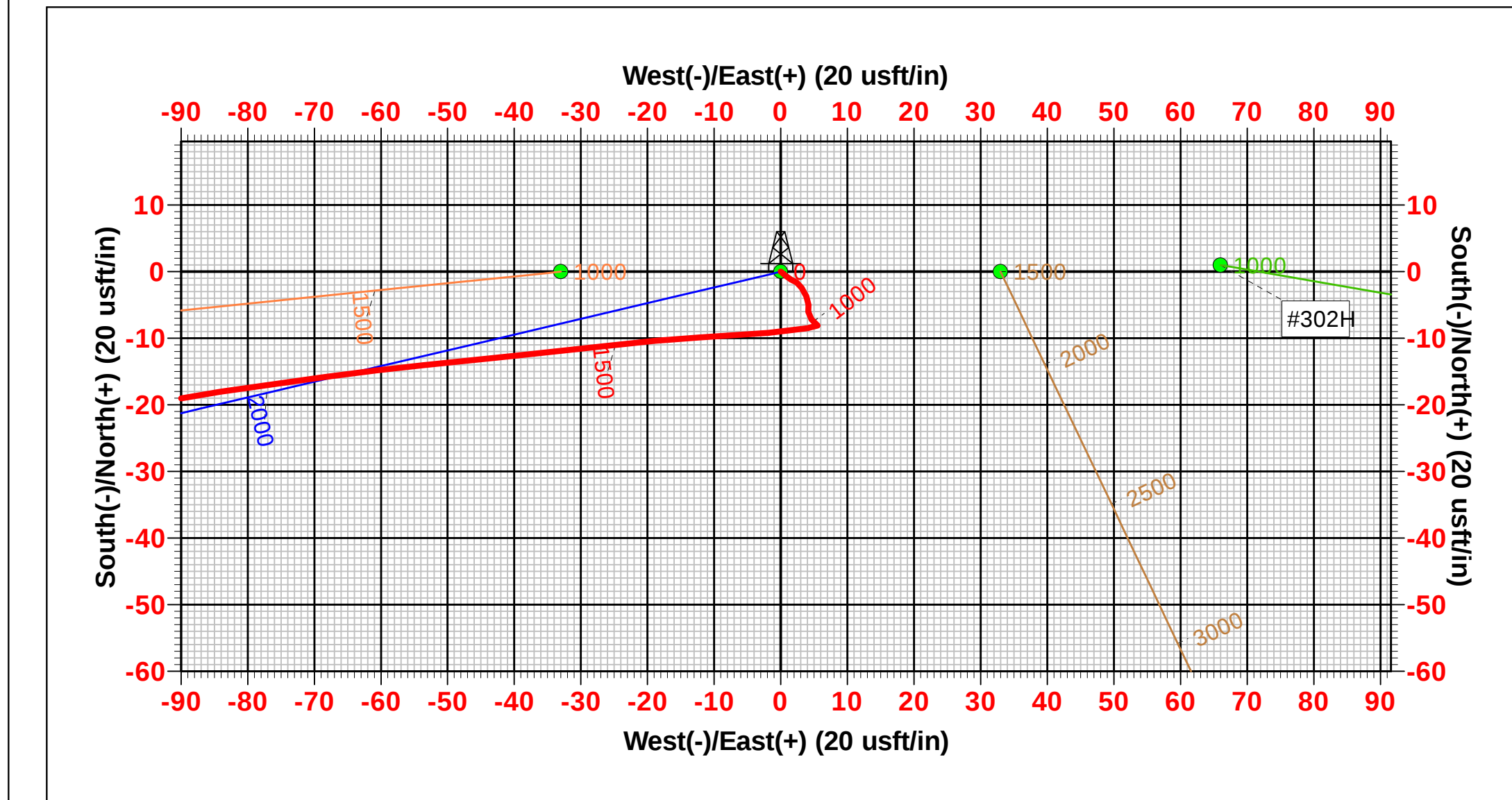
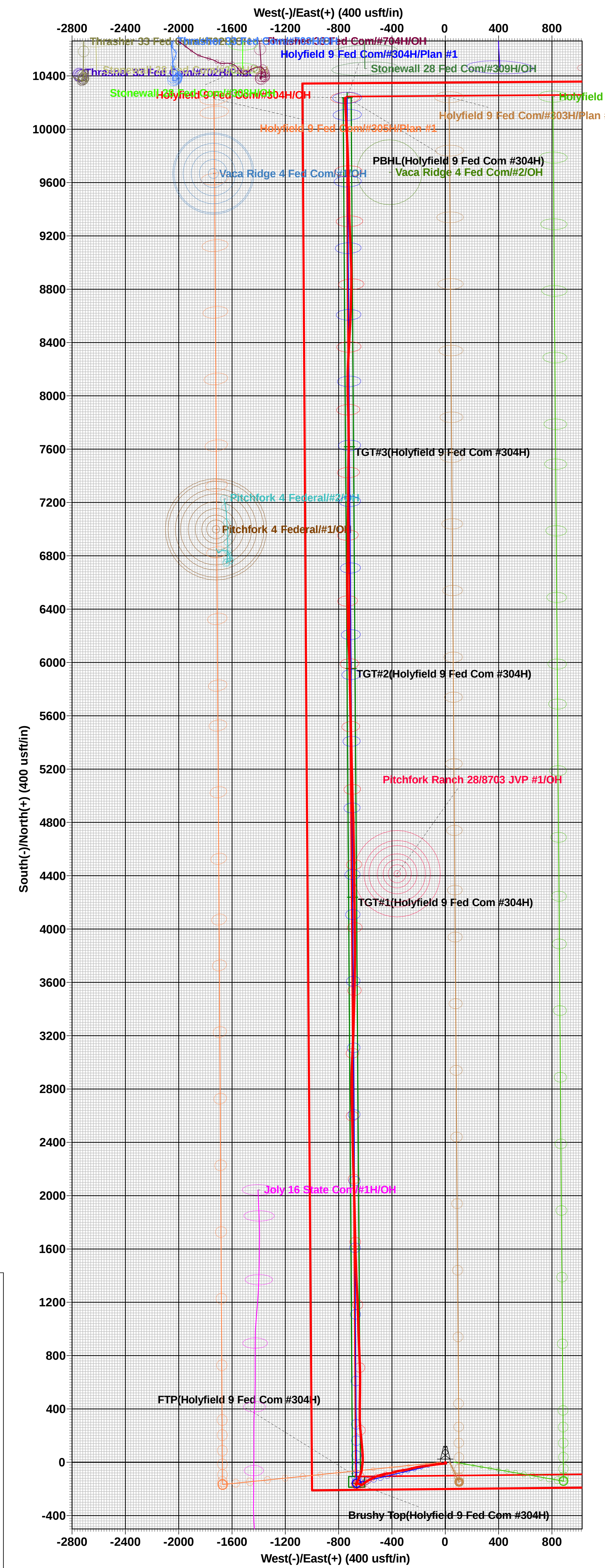
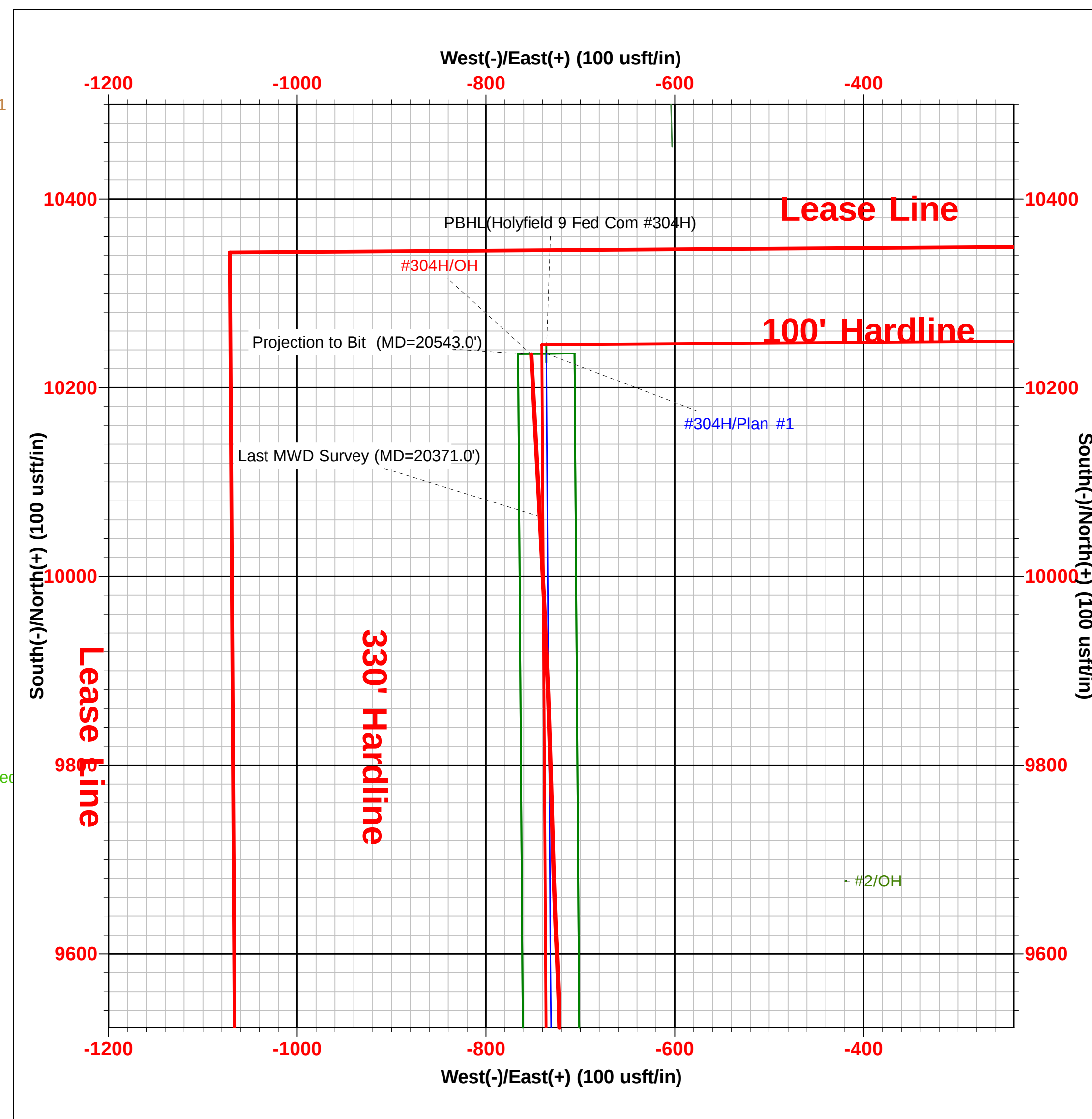
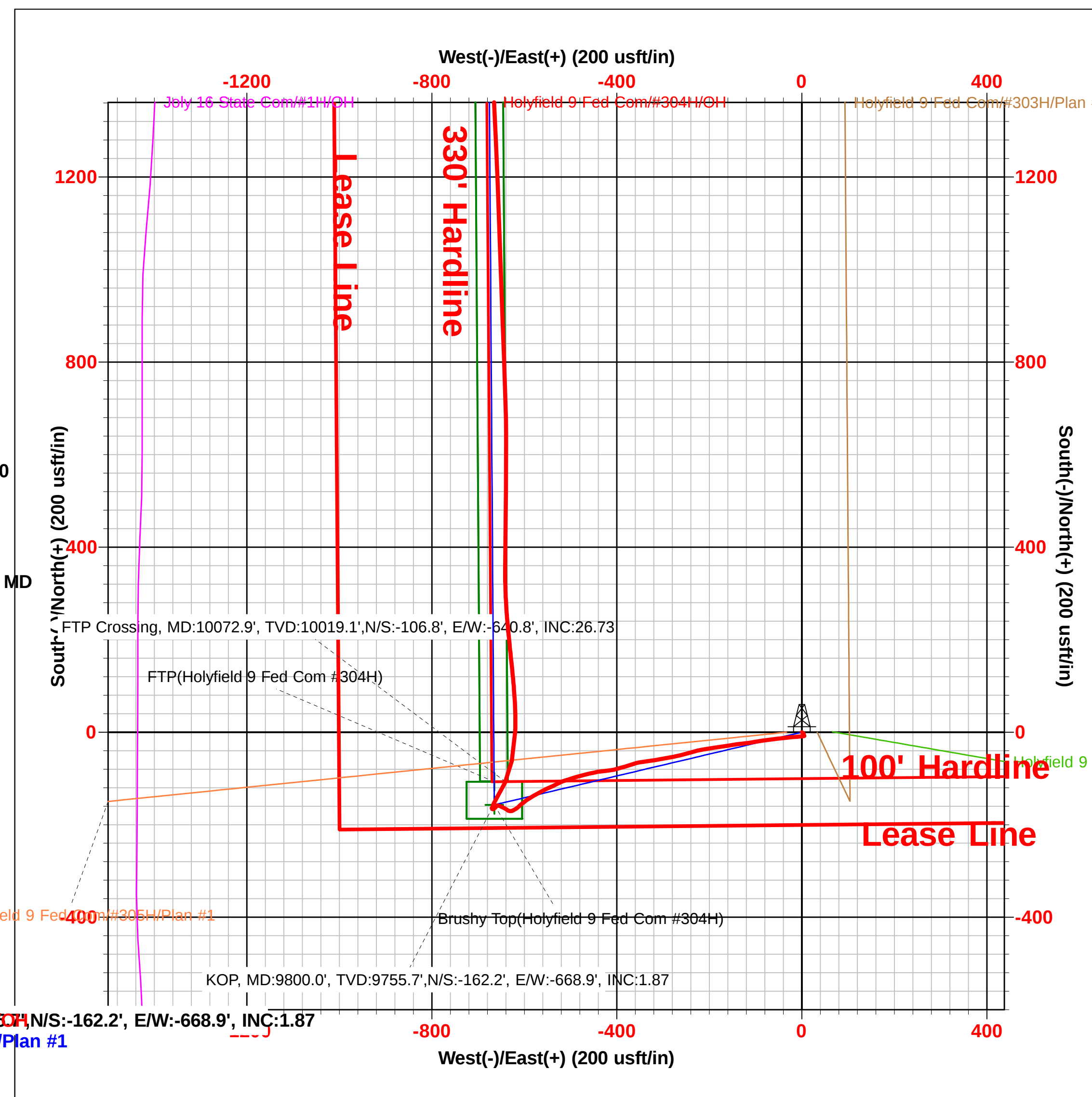
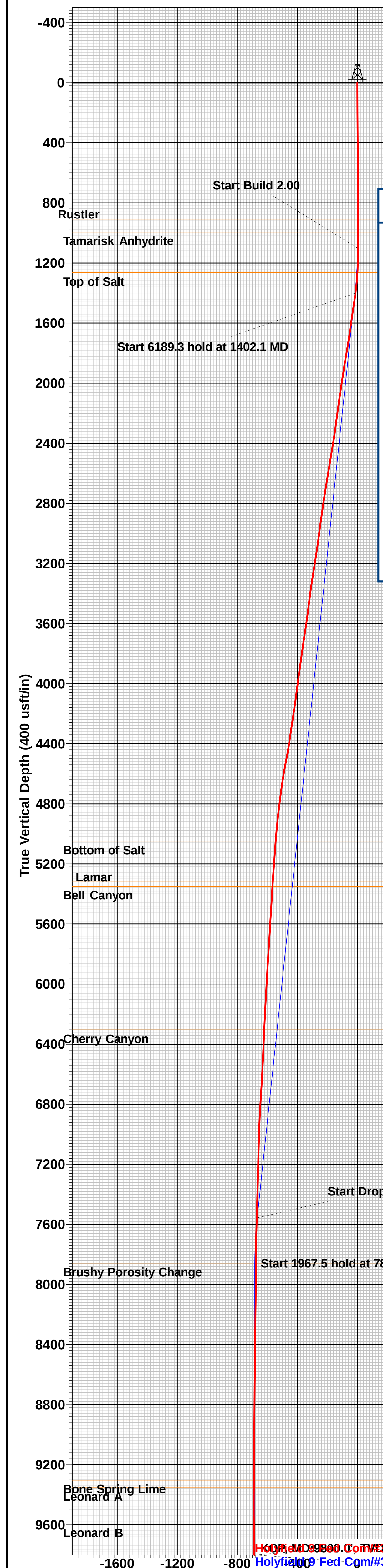
To convert a Magnetic Direction to a Grid Direction, Add 6.03°
To convert a Magnetic Direction to a True Direction, Add 6.49° East
To convert a True Direction to a Grid Direction, Subtract 0.46°

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	1100.0	0.00	0.00	1100.0	0.0	0.0	0.00	0.00	0.0	
3	1402.1	6.04	256.72	1401.5	-3.7	-15.5	2.00	256.72	-2.5	
4	7591.4	6.04	256.72	7556.5	-153.3	-649.5	0.00	0.00	-106.4	
5	7893.5	0.00	0.00	7858.0	-157.0	-665.0	2.00	180.00	-108.9	Brushy Top(Holyfield 9 Fed Com #304H)
6	9861.0	0.00	0.00	9825.5	-157.0	-665.0	0.00	0.00	-108.9	
7	10617.1	90.73	359.61	10302.9	326.5	-668.3	12.00	359.61	373.6	TGT#1(Holyfield 9 Fed Com #304H)
8	14530.1	90.73	359.61	10253.0	4239.1	-695.0	0.00	0.00	4278.0	TGT#2(Holyfield 9 Fed Com #304H)
9	14543.7	91.00	359.61	10252.8	4252.7	-695.1	2.00	0.32	4291.6	TGT#3(Holyfield 9 Fed Com #304H)
10	16244.9	91.00	359.61	10223.0	5953.6	-706.7	0.00	0.00	5989.0	PBHL(Holyfield 9 Fed Com #304H)
11	16260.7	90.69	359.61	10222.8	5969.4	-706.8	2.00	-179.45	6004.7	
12	17909.5	90.69	359.61	10203.0	7618.1	-718.1	0.00	0.00	7650.0	
13	17919.8	90.48	359.61	10202.9	7628.4	-718.2	2.00	179.57	7660.3	
14	20527.6	90.48	359.61	10181.0	10236.0	-736.0	0.00	0.00	10262.4	

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting
Brushy Top(Holyfield 9 Fed Com #304H)	7858.0	-157.0	-665.0	414967.00	807384.00
PBHL(Holyfield 9 Fed Com #304H)	10181.0	10236.0	-736.0	425360.00	807313.00
TGT#3(Holyfield 9 Fed Com #304H)	10203.0	7618.1	-718.1	422742.10	807330.88
TGT#2(Holyfield 9 Fed Com #304H)	10223.0	5953.6	-706.7	421077.60	807342.30
TGT#1(Holyfield 9 Fed Com #304H)	10253.0	4239.1	-695.0	419363.10	807353.97
FTP(Holyfield 9 Fed Com #304H)	10303.0	-107.0	-665.0	415017.00	807384.00



Intent ☐ As Drilled ☐

API #		
Operator Name:	Property Name:	Well Number

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

Is this well the defining well for the Horizontal Spacing Unit? ☐Is this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018

Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505			Form C-105 Revised August 1, 2011					
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)								5. Lease Name or Unit Agreement Name HOLYFIELD 9 FEDERAL COM		
								6. Well Number: 304H		
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER _____										
8. Name of Operator EOG RESOURCES INC							9. OGRID 7377			
10. Address of Operator PO BOX 2267 MIDLAND, TEXAS 79702							11. Pool name or Wildcat RED HILLS; LOWER BONE SPRING			
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	O	9	25S	34E		200	SOUTH	1648	EAST	LEA
BH:	B	4	25S	34E		109	NORTH	2321	EAST	LEA
13. Date Spudded 05/15/2021	14. Date T.D. Reached 06/28/2021		15. Date Rig Released 06/30/2021			16. Date Completed (Ready to Produce) 11/07/2021		17. Elevations (DF and RKB, RT, GR, etc.) 3338' GR		
18. Total Measured Depth of Well MD 20,543' TVD 10,191'			19. Plug Back Measured Depth MD 20,512' TVD 10,191'			20. Was Directional Survey Made? YES		21. Type Electric and Other Logs Run None		
22. Producing Interval(s), of this completion - Top, Bottom, Name BONE SPRING 10,606 - 20,512'										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
13 3/8"		54.5# J-55		1,055'		16"		545 CL C/CIRC		
9 5/8"		40# J-55		5,274'		12 1/4"		1505 CL C/CIRC		
5 1/2"		20# ICYP 110		20,520'		8 1/2"		2860 CL C&H TOC 150'CBL		
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET			
26. Perforation record (interval, size, and number) 10,606 - 20,512' 3 1/8", 2127 holes						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						10606 - 20512'		FRAC W/24,737,875 lbs proppant, 376,686 bbls load fld		
28. PRODUCTION										
Date First Production 11/07/2021		Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>) Flowing				Well Status (<i>Prod. or Shut-in</i>) Producing				
Date of Test 11/17/2021	Hours Tested 24	Choke Size 128	Prod'n For Test Period	Oil - Bbl 2769	Gas - MCF 4055	Water - Bbl. 4807	Gas - Oil Ratio 1465			
Flow Tubing Press.	Casing Pressure 627	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (<i>Corr.</i>) 42				
29. Disposition of Gas (<i>Sold, used for fuel, vented, etc.</i>) SOLD								30. Test Witnessed By		
31. List Attachments C-102, C-104, C-103, Directional Survey, H spacing										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.										
33. If an on-site burial was used at the well, report the exact location of the on-site burial:										
Latitude _____ Longitude _____ NAD 1927 1983										
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief										
Signature Kay Maddox			Name Kay Maddox			Title Senior Regulatory Specialist			Date 12/06/2021	
E-mail Address kay_maddox@eogresources.com										

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

Southeastern New Mexico			Northwestern New Mexico				
T. Anhy	Rustler	1010'	T. Canyon	Brushy	7919'	T. Ojo Alamo	T. Penn A "
T. Salt		1142'	T. Strawn			T. Kirtland	T. Penn. "B"
B. Salt		5050'	T. Atoka			T. Fruitland	T. Penn. "C"
T. Yates			T. Miss			T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers			T. Devonian			T. Cliff House	T. Leadville
T. Queen			T. Silurian			T. Menefee	T. Madison
T. Grayburg			T. Montoya			T. Point Lookout	T. Elbert
T. San Andres			T. Simpson			T. Mancos	T. McCracken
T. Glorieta			T. McKee			T. Gallup	T. Ignacio Otzte
T. Paddock			T. Ellenburger			Base Greenhorn	T. Granite
T. Blinebry			T. Gr. Wash			T. Dakota	
T. Tubb			T. Delaware Sand			T. Morrison	
T. Drinkard			T. Bone Springs			T. Todilto	
T. Abo			T. 1st BS Sand	10,299'		T. Entrada	
T. Wolfcamp			T. 2nd BS Sand	10,821'		T. Wingate	
T. Penn			T.			T. Chinle	
T. Cisco (Bough C)			T.			T. Permian	

No. 1, from.....to.....
No. 2, from.....to.....
No. 3, from.....to.....
No. 4, from.....to.....

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II

811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

ACKNOWLEDGMENTS

Action 129147

ACKNOWLEDGMENTS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 129147
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

☒	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
☒	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 129147

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 129147
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
Ilowe	COA: File 3160-4 Completion Report within 10 days to NMOCD after BLM approval.	9/7/2022